

CLAIM AMENDMENTS

1 (Currently amended) An apparatus, comprising:  
2 an originating mobile switching center that handles one or more calls;  
3 a serving mobile switching center coupled to the originating mobile switching  
4 center, wherein [[a]] the serving mobile switching center for a communication device on  
5 a call of the one or more calls passes control of the call to the originating mobile  
6 switching center; and  
7 a service node coupled to the originating mobile switching center, wherein the  
8 originating mobile switching center triggers the call to [[a]] the service node, and  
9 wherein the service node sends an initial trigger response to the originating mobile  
10 switching center that instructs the originating mobile switching center to redirect the call,  
11 and wherein the initial trigger response arms one or more triggers that support one or  
12 more services for the communication device; and  
13 wherein the one or more triggers comprise one or more of one or more switch  
14 based triggers and one or more subscriber based triggers exclusive of  
15 Calling\_Routing\_Addresss\_Available, OAnswer, and ODisconnect triggers; and  
16 wherein the one or more subscriber based triggers comprise one or more of  
17 Origination\_Attempt\_Authorized, Collected\_Information, and Analyzed\_Information  
18 triggers; and  
19 wherein the originating mobile switching center encounters the one or more  
20 subscriber based triggers prior to the Calling\_Routing\_Addresss\_Available trigger; and

3

LUC-454/Batni 4-5-3

21 wherein upon receipt of the initial trigger response, the originating mobile  
22 switching center encounters at least one or ~~more~~ of the one or more triggers and  
23 triggers the call to one or more other service nodes.

1 2. (Original) The apparatus of claim 1, wherein the serving mobile switching  
2 center does not support the one or more triggers and the originating mobile switching  
3 center supports the one or more triggers.

1 3. (Currently amended) The apparatus of claim 1, wherein the  
2 communication device comprises a prepaid mobile communication device, and wherein  
3 the service node comprises a prepaid service node; and

4 wherein the prepaid service node supports billing for the prepaid mobile  
5 communication device.

1 4. (Currently amended) The apparatus of claim 3, wherein the originating  
2 mobile switching center sends to the prepaid service node one or more service  
3 identifications that are associated with at least one or ~~more~~ of the one or more other  
4 service nodes and employable by the prepaid service node to calculate billing  
5 information based on use of the at least one or ~~more~~ of the one or more other service  
6 nodes by the prepaid mobile communication device.

1 5. (Currently amended) The apparatus of claim 3, wherein at least one or  
2 ~~more~~ of the one or more other service nodes provide at least one or ~~more~~ of the one or  
3 more services to the prepaid mobile communication device; and

wherein the originating mobile switching center sends to the prepaid service node one or more service identifications that are associated with the at least one or more of the one or more services and employable by the prepaid service node to calculate billing information based on receipt of the at least one or more of the one or more services by the prepaid mobile communication device.

6. (Previously presented) The apparatus of claim 3, wherein the one or more other service nodes comprise a directory assistance service node; and

wherein upon receipt of the initial trigger response, the originating mobile switching center encounters a dialed digits trigger which triggers the call to the directory assistance service node to provide directory assistance service to the prepaid mobile communication device.

7. (Previously presented) The apparatus of claim 6, wherein the originating mobile switching center creates a temporary connection between the prepaid mobile communication device and the directory assistance service node for a duration of the directory assistance service; and

wherein the originating mobile switching center removes the directory assistance service node from a path of the call upon completion of the directory assistance service.

8. (Currently amended) The apparatus of claim 1, in combination with the service node and the one or more other service nodes, wherein the communication device comprises a prepaid mobile communication device; and

5

LUC-454/Batni 4-5-3

4 wherein at least one ~~or more~~ of the one or more other service nodes provide at  
5 least one ~~or more~~ of the one or more services to the prepaid mobile communication  
6 device on the call; and

7 wherein the at least one ~~or more~~ of the one or more other service nodes send  
8 one or more service identifications to the originating mobile switching center to indicate  
9 use of the at least one ~~or more~~ of the one or more other service nodes by the prepaid  
10 mobile communication device.

1 9. (Previously presented) The apparatus of claim 8, wherein the service node  
2 comprises a prepaid service node; and

3 wherein the originating mobile switching center sends the one or more service  
4 identifications, one or more billing rates, and one or more call durations to the prepaid  
5 service node for employment by the prepaid service node to calculate an amount to  
6 deduct from an account balance associated with the prepaid mobile communication  
7 device.

1 10. (Previously presented) The apparatus of claim 8, wherein the one or more  
2 services comprise one or more triggered services; and

3 wherein the service node sends the initial trigger response to the originating  
4 mobile switching center to arm the one or more triggers at the originating mobile  
5 switching center so the originating mobile switching center is able to provide access to  
6 the one or more triggered services.

1 11. (Previously presented) The apparatus of claim 1, wherein the one or more  
2 triggers comprise one or more first switch based triggers, and wherein the originating  
3 mobile switching center is pre-provisioned with one or more second switch based  
4 triggers; and

5 wherein the initial trigger response arms one or more subscriber based triggers  
6 at the originating mobile switching center.

1 12. (Canceled)

1 13. (Previously presented) The apparatus of claim 1, in combination with the  
2 service node, wherein the service node comprises a first service node, and wherein the  
3 one or more other service nodes comprise a second service node, and wherein the first  
4 service node receives destination digits for the call; and

5 wherein the first service node changes the destination digits into a digit string  
6 associated with the second service node and sends the initial trigger response to the  
7 originating mobile switching center.

1 14. (Currently amended) The apparatus of claim 1, wherein the initial trigger  
2 response comprises a Specific\_Called\_Party\_Digit\_String Termination  
3 AnalyzedInformation operation return result message, and wherein the  
4 Specific\_Called\_Party\_Digit\_String Termination AnalyzedInformation operation return  
5 result message comprises an indication to arm the one or more triggers and a  
6 termination list set to redirect the call to one or more of the one or more other service  
7 nodes.



1 15. (Previously presented) The apparatus of claim 1, wherein the service  
2 node requests a list of the one or more triggers from a home location register; and  
3 wherein the service node sends the list of the one or more triggers in the initial  
4 trigger response to the originating mobile switching center.

1 16. (Currently amended) A method, comprising the steps of:  
2 receiving control of a call from a serving mobile switching center;  
3 triggering the call to a service node that employs an initial trigger response to  
4 arm one or more triggers, wherein the one or more triggers comprise one or more of  
5 one or more switch based triggers and one or more subscriber based triggers exclusive  
6 of Calling\_Routing\_Addresss\_Available, OAnswer, and ODisconnect triggers, and  
7 wherein the one or more subscriber based triggers comprise one or more of  
8 Origination\_Attempt\_Authorized, Collected\_Information, and Analyzed\_Information  
9 triggers;

10 encountering the one or more subscriber based triggers prior to the  
11 Calling Routing Addresss Available trigger;

12 encountering at least one ~~or more~~ of the one or more triggers associated with  
13 one or more other service nodes; and

14 triggering the call to at least one ~~or more~~ of the one or more other service nodes  
15 upon receipt of the initial trigger response.

1 17. (Original) The method of claim 16, wherein the initial trigger response  
2 comprises an indication of one or more subscriber based triggers, the method further  
3 comprising the step of:

4 arming the one or more subscriber based triggers for one or more services  
5 indicated in the initial trigger response.

1 18. (Original) The method of claim 16, wherein the service node comprises a  
2 prepaid service node, the method further comprising the step of:

3 sending to the prepaid service node one or more service identifications that are  
4 associated with one or more of the one or more other service nodes and employable by  
5 the prepaid service node to calculate billing information based on use of the one or  
6 more of the one or more other service nodes by a prepaid mobile communication  
7 device.

1 19. (Currently amended) The method of claim 18, wherein the one or more  
2 other service nodes comprises a directory assistance service node, and wherein the  
3 step of encountering the at least one or more of the one or more triggers associated  
4 with the one or more other service nodes comprises the step of:

5 encountering a dialed digits trigger with a destination of the directory assistance  
6 service node upon receipt of the initial trigger response

7 wherein the step of triggering the call to the at least one or more of the one or  
8 more other service nodes upon receipt of the initial trigger response comprises the step  
9 of:

10 triggering the call to the directory assistance service node to provide directory  
11 assistance service to the prepaid mobile communication device.

1        20. (Original) The method of claim 19, wherein the step of triggering the call to  
2 the directory assistance service node to provide directory assistance service to the  
3 prepaid mobile communication device comprises the steps of:

4        creating a temporary connection between the prepaid mobile communication  
5 device and the directory assistance service node for a duration of the directory  
6 assistance service; and

7        removing the directory assistance service node from a path of the call upon  
8 completion of the directory assistance service.

1        21. (Currently amended) The method of claim 16, wherein the step of  
2 encountering the at least one or more of the one or more triggers associated with the  
3 one or more other service nodes comprises the step of:

4        receiving an Specific Called Party Digit String Termination  
5 AnalyzedInformation operation return result message that comprises an indication to  
6 arm the one or more triggers and a termination list set to redirect the call to at least one  
7 ~~or more~~ of the one or more other service nodes to provide one or more services to a  
8 communication device.

1        22. (Currently amended) An article, comprising:  
2 one or more computer-readable signal-bearing media;  
3 means in the one or more media for receiving control of a call from a serving  
4 mobile switching center,



10

LUC-454/Batni 4-5-3

means in the one or more media for triggering the call to a service node that employs an initial trigger response to arm one or more triggers, wherein the one or more triggers comprise at least one or more of one or more switch based triggers and one or more subscriber based triggers exclusive of Calling\_Routing\_Addresss\_Available, OAnswer, and ODisconnect triggers, and wherein the one or more subscriber based triggers comprise one or more of Origination\_Attempt\_Authorized, Collected\_Information, and Analyzed\_Information triggers;

means in the one or more media for encountering the one or more subscriber based triggers prior to the Calling\_Routing\_Addresss\_Available trigger;

means in the one or more media for encountering at least one or more of the one or more triggers associated with one or more other service nodes; and

means in the one or more media for triggering the call to one or more of the one or more other service nodes upon receipt of the initial trigger response.

23. (Currently amended) An apparatus, comprising:

an originating mobile switching center that handles one or more calls;

a serving mobile switching center coupled to the originating mobile switching center, wherein [[a]] the serving mobile switching center for a communication device on a call of the one or more calls passes control of the call to the originating mobile switching center; and

11

LUC-454/Batni 4-5-3

7        a service node coupled to the originating mobile switching center, wherein the  
8        originating mobile switching center triggers the call to [[a]] the service node, and  
9        wherein the service node sends an initial trigger response to the originating mobile  
10       switching center that instructs the originating mobile switching center to redirect the call,  
11       and wherein the initial trigger response arms one or more triggers that support one or  
12       more services for the communication device; and  
13       wherein the one or more triggers comprise one or more of  
14       Calling\_Routing\_Addresss\_Available, OAnswer, and ODisconnect triggers; and  
15       wherein the originating mobile switching center encounters one or more  
16       subscriber based triggers prior to the Calling\_Routing\_Addresss\_Available trigger; and  
17       wherein upon receipt of the initial trigger response, the originating mobile  
18       switching center encounters one or more of the one or more triggers and triggers the  
19       call to one or more other service nodes.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☒ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**